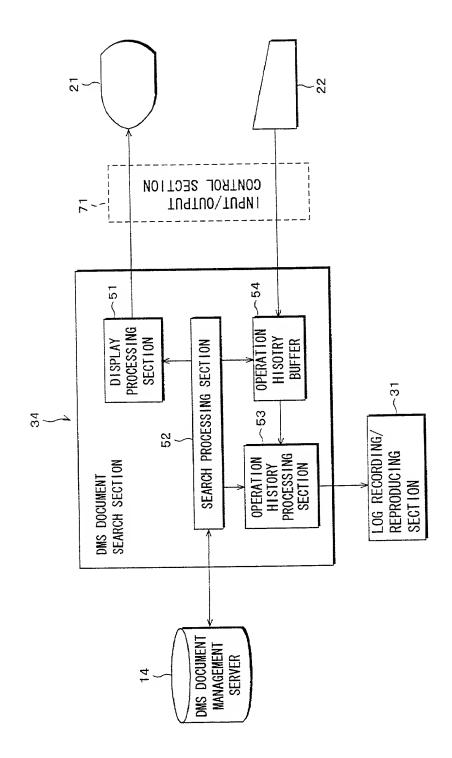


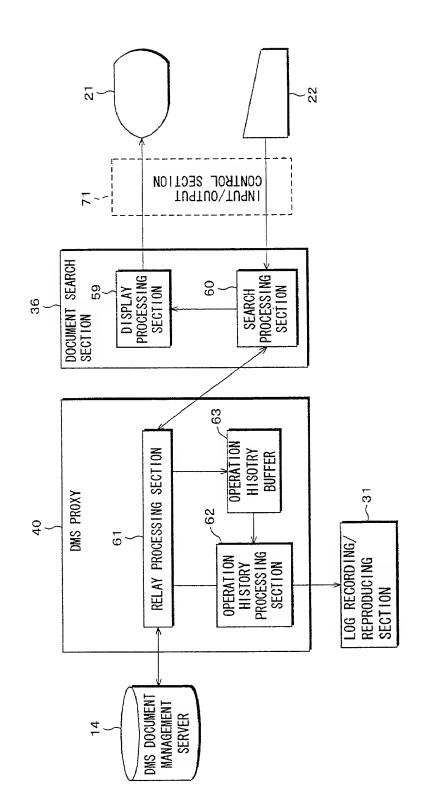
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INTERNET P C/WS GATEWAY DMS DOCUMENT MANAGEMENT SERVER F I G. 2 PC/WS LAN

က



F I G. 4



F I G. 5

OPERATION INFORMATION		968	"COMMON AMONG TECHNICAL SECTIONS", "TERMINOLOGIES FOR IMAGE PROCESSING", 2.0	"DCT", 6144, 6	6126	"DISCRETE COSINE TRANSLATION", 6142	"DISCRETE COSINE TRANSLATION", 912	" \$" 914	
OPERATION CONTENT		MOVE CURSOR	START DISPLAY	SERACH CHARACTER	MOVE CURSOR	C0PY	PASTE	MANUAL INPUT	
AP OPERATED	•••••	DMS DOCUMENT EDITING SECTION	DMS DOCUMENT REFERENCE SECTION START DISPLAY	DMS DOCUMENT REFERENCE SECTION SERACH CHARACTER	DMS DOCUMENT REFERENCE SECTION MOVE CURSOR	DMS DOCUMENT REFERENCE SECTION COPY	DMS DOCUMENT EDITING SECTION	DMS DOCUMENT EDITING SECTION	
RECORD I NG ORDER	:	111	1112	1113	1114	1115	1116	1117	

CREATION SCREEN	REFERENCE SCREEN
(a 1)	(b1)
ORTHOGONAL TRANSLATION	REED SOLOMON CODE: DISCRETE COSINE TRANSLATION (DCT):
	(b2)
	REED SOLOMON CODE:
(0)	(b3)
(a 2)USED IN JPEG DISCRETE COSINE TRANSLATION ORTHOGONAL TRANSLATION	REED SOLOMON CODE: DISCRETE COSINE TRANSLATION (DCT):
(a 3)	! !
COSINE TRANSLATION USED IN JPEG IS ORTHOGONAL TRANSLATION	

F I G. 7 (a)

FIG. 7 (b)

0001	0~64
0002	64~124
0003	

FIG. 7 (c)

0001	0
0002	6 4
0003	124

FIG. 7 (d)

- 1. 000000000
- 1. 1000000000000000000
 - 1) 000000000

.....

F I G. 7 (e)

1.	0~25
1. 1	25~74
1. 1 1)	7 4 ~…
•••••	

F I G. 8

RECORD ING ORDER	POSITION	AP OPERATED	OPERATION CONTENT	OPERATION INFORMATION
			• • • • • • • • • • • • • • • • • • • •	
1111	904	DMS DOCUMENT EDITING SECTION	MOVE CURSOR	896
1112	896	DMS DOCUMENT REFERENCE SECTION	START DISPLAY	"COMMON AMONG TECHNICAL SECTIONS", "TERMINOLOGIES FOR IMAGE PROCESSING", 2.0
1113	896	DMS DOCUMENT REFERENCE SECTION	NCE SECTION SERACH CHARACTER	"DCT", 6144, 6
1114	896	DMS DOCUMENT REFERENCE SECTION MOVE CURSOR	MOVE CURSOR	6126
1115	896	DMS DOCUMENT REFERENCE SECTION	СОРҮ	"DISCRETE COSINE TRANSLATION", 6142
1116	896	DMS DOCUMENT EDITING SECTION	PASTE	"DISCRETE COSINE TRANSLATION", 912
1117	912	DMS DOCUMENT EDITING SECTION	MANUAL INPUT	"IS" 914

F I G. 9

"ORTHOGONAL", 900 "TRANSLATION", 904 896 "COMMON AMONG TECHNICAL SECTIONS", "TERMINOLOGIES FOR IMAGE PROCESSING", 2.0 "DCT", 6144, 6 6126 "DISCRETE COSINE TRANSLATION", 6142	OPERATION CONTENT MANUAL INPUT MOVE CURSOR START DISPLAY SERACH CHARACTER MOVE CURSOR COPY	AP OPERATED OPERATION COT DMS DOCUMENT EDITING SECTION MANUAL INPUT DMS DOCUMENT EDITING SECTION MANUAL INPUT DMS DOCUMENT EDITING SECTION MOVE CURSOR DMS DOCUMENT REFERENCE SECTION SERACH CHARACT DMS DOCUMENT REFERENCE SECTION COPY DMS DOCUMENT REFERENCE SECTION COPY	896 900 904 896 896 896 896	NECORDING ORDER 1109 1111 11112 11113 11114
"DISCRETE COSINE IRANSLAIION", 6142	СОРУ	DMS DOCUMENT REFERENCE SECTION	968	1115
6126		DMS DOCUMENT REFERENCE SECTION	968	114
"DCT", 6144, 6		DMS DOCUMENT REFERENCE SECTION	968	113
"COMMON AMONG TECHNICAL SECTIONS", "TERMINOLOGIES FOR IMAGE PROCESSING", 2.0	START DISPLAY	DMS DOCUMENT REFERENCE SECTION	968	112
896	MOVE CURSOR	DMS DOCUMENT EDITING SECTION	904	111
"TRANSLATION", 904	MANUAL INPUT		006	110
"ORTHOGONAL", 900	MANUAL INPUT	DMS DOCUMENT EDITING SECTION	968	109
OPERATION INFORMATION	OPERATION CONTENT	AP OPERATED	POSITION	ORD ING ER

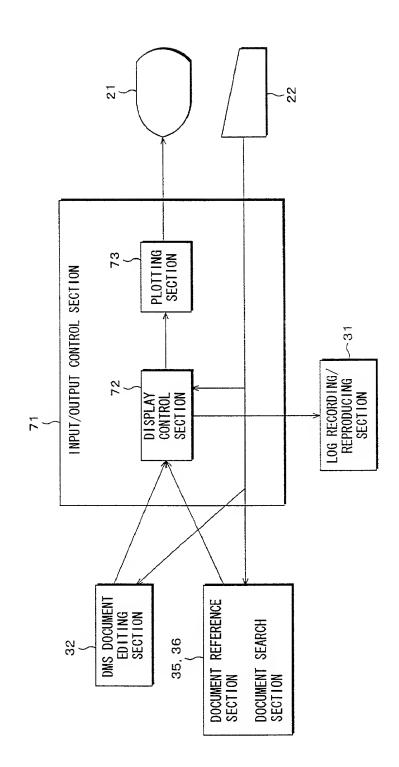
		1							
OPERATION INFORMATION	"ORTHOGONAL", 900	"TRANSLATION", 904	968	"COMMON AMONG TECHNICAL SECTIONS", "TERMINOLOGIES FOR IMAGE PROCESSING", 2.0	"DCT", 6144, 6	6126	"DISCRETE COSINE TRANSLATION", 6142	"DISCRETE COSINE TRANSLATION", 912	
OPERATION CONTENT	MANUAL INPUT	MANUAL INPUT	MOVE CURSOR	START DISPLAY	SERACH CHARACTER	MOVE CURSOR	СОРУ	PASTE	
AP OPERATED	DMS DOCUMENT EDITING SECTION	DMS DOCUMENT EDITING SECTION	DMS DOCUMENT EDITING SECTION	DMS DOCUMENT REFERENCE SECTION START DISPLAY	DMS DOCUMENT REFERENCE SECTION SERACH CHARACTER	DMS DOCUMENT REFERENCE SECTION MOVE CURSOR	DMS DOCUMENT REFERENCE SECTION COPY	DMS DOCUMENT EDITING SECTION	
POSITION	912	916	904	896	968	968	968	968	
RECORD I NG ORDER	 1109	1110	1111	1112	1113	1114	1115	1116	

..... COSINE TRANSLATION AS ONE EXAMPLE OF ORTHOGONAL TRANSLATION USED IN JPEG IS |

OPERATION INFORMATION	"ORTHOGONAL", 900	"TRANSLATION", 904	968	"COMMON AMONG TECHNICAL SECTIONS", "TERMINOLOGIES FOR IMAGE PROCESSING", 2.0	"DCT", 6144, 6	6126	"DISCRETE COSINE TRANSLATION", 6142	"DISCRETE COSINE TRANSLATION", 912	968	"DISCRETE COSINE TRANSLATION IS", (914)	
OPERATION CONTENT	 MANUAL INPUT	MANUAL INPUT	MOVE CURSOR	START DISPLAY	SERACH CHARACTER	MOVE CURSOR	сорү	PASTE	 MOVE CURSOR	DELETE	
AP OPERATED	 DMS DOCUMENT EDITING SECTION	DMS DOCUMENT EDITING SECTION	DMS DOCUMENT EDITING SECTION	DMS DOCUMENT REFERENCE SECTION	DMS DOCUMENT REFERENCE SECTION	DMS DOCUMENT REFERENCE SECTION	DMS DOCUMENT REFERENCE SECTION	DMS DOCUMENT EDITING SECTION	 DMS DOCUMENT EDITING SECTION	DMS DOCUMENT EDITING SECTION	
POSITION	968	006	904	*896	968*	\$896	*896	968		968	
RECORD ING ORDER	 1109	1110	111	1112	1113	1114	1115	1116	1122	1123	

OPERATION INFORMATION		"ORTHOGONAL", 900	"TRANSLATION", 904	968	"COMMON AMONG TECHNICAL SECTIONS", "TERMINOLOGIES FOR IMAGE PROCESSING", 2.0	"DCT", 6144, 6	6126	"DISCRETE COSINE TRANSLATION", 6142	"DISCRETE COSINE TRANSLATION", 912		968	"DISCRETE COSINE TRANSLATION IS", (914)	916	"DISCRETE COSINE TRANSLATION IS", (934)	
OPERATION CONTENT	:	MANUAL INPUT	MANUAL INPUT	MOVE CURSOR	START DISPLAY	SERACH CHARACTER	MOVE CURSOR	СОРҮ	PASTE		MOVE CURSOR	DELETE	MOVE CURSOR	PASTE	
AP OPERATED		DMS DOCUMENT EDITING SECTION	DMS DOCUMENT EDITING SECTION	DMS DOCUMENT EDITING SECTION	DMS DOCUMENT REFERENCE SECTION	DMS DOCUMENT REFERENCE SECTION	DMS DOCUMENT REFERENCE SECTION	DMS DOCUMENT REFERENCE SECTION	DMS DOCUMENT EDITING SECTION	••••	DMS DOCUMENT EDITING SECTION	DMS DOCUMENT EDITING SECTION	DMS DOCUMENT EDITING SECTION	DMS DOCUMENT EDITING SECTION	
POSITION		968	006	904	916	916	916	916	968			896	968	916	
RECORD ING ORDER		1109	1110	1111	1112	1113	1114	1115	1116		1122	1123	1124	1125	

FIG. 14

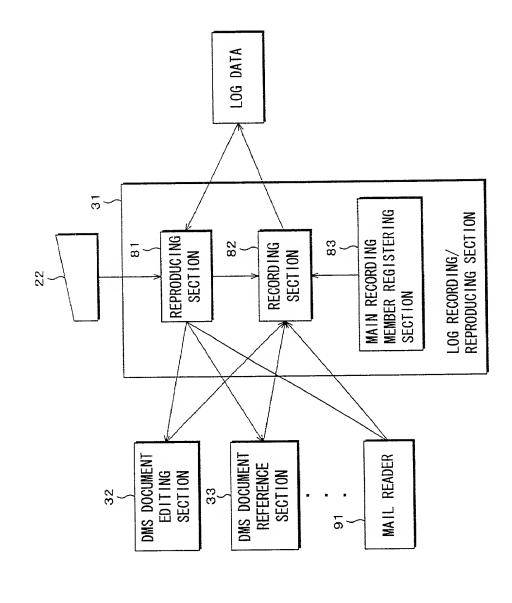


	T		0.								
OPERATION INFORMATION	968		"COMMON AMONG TECHNICAL SECTIONS", "TERMINOLOGIES FOR IMAGE PROCESSING", 2.0	"DCT", 6144, 6	6126	"DISCRETE COSINE TRANSLATION", 6142	"DISCRETE COSINE TRANSLATION", 912				•
OPERATION CONTENT	MOVE CURSOR	NON-DISPLAY	START DISPLAY	SEARCH CHARACTER	MOVE CURSOR	СОРУ	PASTE		NON-DISPLAY	RE-D I SPLAY	
AP OPERATED	 DMS DOCUMENT EDITING SECTION	DMS DOCUMENT REFERENCE SECTION 1	DMS DOCUMENT REFERENCE SECTION 2	DMS DOCUMENT REFERENCE SECTION 2	DMS DOCUMENT REFERENCE SECTION 2	DMS DOCUMENT REFERENCE SECTION 2	DMS DOCUMENT EDITING SECTION	:	DMS DOCUMENT REFERENCE SECTION 2	DMS DOCUMENT REFERENCE SECTION 1	
POSITION	904	968	896	968	968	968	896		1088	1088	
RECORD I NG ORDER	1111	1112	1113	1114	1115	1116	1117		1236	1237	

CONDITIONS FOR SELECTION BETWEEN WINDOW DISPLAY AND NON-DISPLAY

- DISPLAY 2 FRONT SCREENS
- O DISPLAY READABLE AREA OF NOT SMALLER THAN
 - 10 CHARACTERS × 3 LINES

FIG. 17



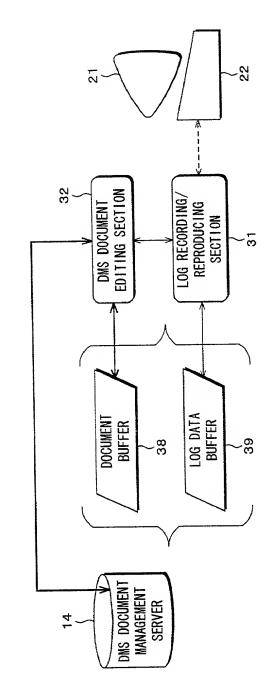
DMS	DOCUMENT	REFERENCE SECTION
DMS	DOCUMENT	SEARCH SECTION
HTTF	PROXY	

RECORD ING ORDER	POSITION	AP OPERATED	OPERATION CONTENT	OPERATION INFORMATION
1112	968	DMS DOCUMENT REFERENCE SECTION 1 NON-DISPLAY	NON-DISPLAY	
1113	896	DMS DOCUMENT REFERENCE SECTION 2	START DISPLAY	"COMMON AMONG TECHNICAL SECTIONS", "TERMINOLOGIES FOR IMAGE PROCESSING", 2.0
1114	968	DMS DOCUMENT REFERENCE SECTION 2 SEARCH CHARACTER	SEARCH CHARACTER	"DCT", 6144, 6
1115	968	DMS DOCUMENT REFERENCE SECTION 2	NON-DISPLAY	
1116	968	MAIL READER	START DISPLAY	"INVITATION FOR SOCIAL GATHERING TRIP",
1117	968	MAIL READER	CL0SE	
1118	968	DMS DOCUMENT REFERENCE SECTION 2	RE-DISPLAY	
1119	968	DMS DOCUMENT REFERENCE SECTION 2	MOVE CURSOR	6126
1120	968	DMS DOCUMENT REFERENCE SECTION 2	СОРҮ	"DISCRETE COSINE TRANSLATION", 6142
1121	968	DMS DOCUMENT EDITING SECTION	PASTE	"DISCRETE COSINE TRANSLATION", 912

RECORD ING ORDER	POSITION	AP OPERATED	OPERATION CONTENT	OPERATION INFORMATION
			:	
1112	968	DMS DOCUMENT REFERENCE SECTION 1	NON-DISPLAY	
1113	896	DMS DOCUMENT REFERENCE SECTION 2	START DISPLAY	"COMMON AMONG TECHNICAL SECTIONS", "TERMINOLOGIES FOR IMAGE PROCESSING", 2.0
1114	968	DMS DOCUMENT REFERENCE SECTION 2 SEARCH CHARACTER	SEARCH CHARACTER	"DCT", 6144, 6
1115	968	DMS DOCUMENT REFERENCE SECTION 2	NON-DISPLAY	
1116	968#	MAIL READER	START DISPLAY	"INVITATION FOR SOCIAL GATHERING TRIP",
1117	968#	MAIL READER	CL0SE	
1118	968	DMS DOCUMENT REFERENCE SECTION 2	RE-DISPLAY	
1119	968	DMS DOCUMENT REFERENCE SECTION 2 MOVE CURSOR	MOVE CURSOR	6126
1120	968	DMS DOCUMENT REFERENCE SECTION 2	COPY	"DISCRETE COSINE TRANSLATION", 6142
1121	968	DMS DOCUMENT EDITING SECTION	PASTE	"DISCRETE COSINE TRANSLATION", 912
		• • • • • • • • • • • • • • • • • • • •		

RECORD ING ORDFR	POSITION	AP OPERATED	OPERATION CONTENT	OPERATION INFORMATION
1112	968	DMS DOCUMENT REFERENCE SECTION 1	NON-DISPLAY	
1113	896	DMS DOCUMENT REFERENCE SECTION 2	START DISPLAY	"COMMON AMONG TECHNICAL SECTIONS", "TERMINOLOGIES FOR IMAGE PROCESSING", 2.0
1114	968	DMS DOCUMENT REFERENCE SECTION 2 SEARCH CHARACTER	SEARCH CHARACTER	"DCT", 6144, 6
1115	968#	DMS DOCUMENT REFERENCE SECTION 2	NON-DISPLAY	
1.116	968#	MAIL READER	START DISPLAY	"INVITATION FOR SOCIAL GATHERING TRIP",
1117	968#	MAIL READER	CL0SE	
1118	968#	DMS DOCUMENT REFERENCE SECTION 2	RE-DISPLAY	
1119	968	DMS DOCUMENT REFERENCE SECTION 2 MOVE CURSOR	MOVE CURSOR	6126
1120	968	DMS DOCUMENT REFERENCE SECTION 2	СОРУ	"DISCRETE COSINE TRANSLATION", 6142
1121	968	DMS DOCUMENT EDITING SECTION	PASTE	"DISCRETE COSINE TRANSLATION", 912

FIG. 22



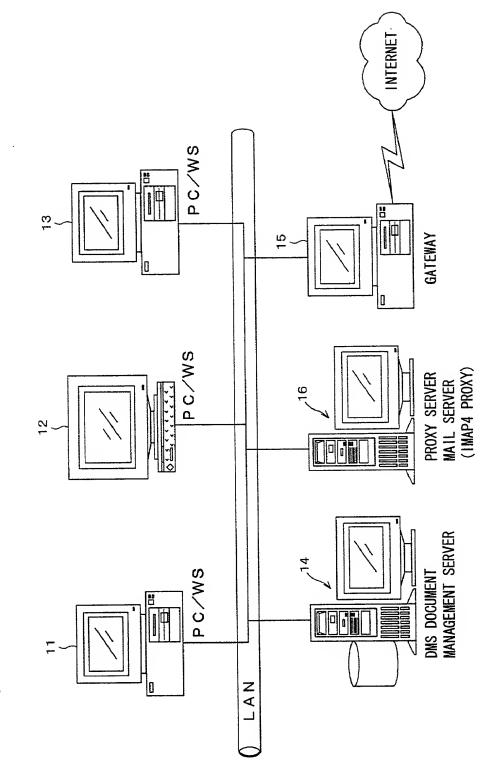


FIG. 23